N THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/826,813

Applicant

Nobuo Kanou et al.

Filed

April 15, 2004

TC/A.U.

2816

Examiner

Nguyen, Long T.

Title

EXPONENTIAL CONVERSION CIRCUIT AND VARIABLE

GAIN CIRCUIT

Docket No.

2102475-991151

Customer No.

26379

M/S Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 **Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

February 2, 2005.

RESPONSE TO OFFICE ACTION OF NOVEMBER 15, 2004

Sir:

In response to the Office Action of November 15, 2004, please amend the above identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Amendments to the Drawings begin on page 6 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 7 of this paper.

An Appendix including amended drawing figures is attached following page 9 of this paper.